

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 18 | ((4,346,438") or ("4,686,693") or ("5,444,851") or ("5,519,878") or ("5,553,245") or ("5,675,830") or ("6,098,116") or ("20020043938") or ("6,667,690")).PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2008/11/19 12:19 |
| S1 | 4 | ((4686693") or ("4052720")).PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2007/10/04 15:36 |
| S2 | 9 | ((KLAUS) near2 (MOELLER).INV. | US-PGPUB; USPAT; USOOR | OR | ON | 2007/10/04 14:37 |
| S3 | 90 | ((6292830") or ("20020150261") or ("20040131199") or ("20040179699") or ("4319088") or ("5530435") or ("5684469") or ("5907285") or ("5942984") or ("5960390") or ("6133845") or ("6211796") or ("6211796") or ("6424248") or ("6353703") or ("6031914") or ("6061793") or ("6061793") or ("4840386") or ("5544249") or ("4831636") or ("5590108") or ("5734657") or ("5737718") or ("5758316") or ("5982447") or ("6138101") or ("6199038") or ("6230124") or ("6298140") or ("6308150") or ("6370499") or ("6415251") or ("6466752") or ("6930618") or | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2007/10/04 15:36 |

| | | | | | | |
|----|----|--|--|----|-----|---------------------|
| | | (("20020090224") or ("20030107478") or ("20050008166") or ("20050227651") or ("20060004565") or ("4351475") or ("5530655") or ("5724277") or ("5867748") or ("4052720") or ("4254303") or ("4281295") or ("4376916") or ("4387588") or ("4424704")).PN. | | | | |
| S4 | 2 | "5406634".pn. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/11/17 11:36 |
| S5 | 13 | ((("5406634") or ("4185167") or ("4476572") or ("5689229") or ("4052720") or ("4686693")).PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2008/11/17 11:47 |
| S6 | 80 | ("3667101" "4038648" "4060294" "4326107" "4354226" "4375010" "4559410" "4595799" "4596982" "4635192" "4678251" "4682457" "4685255" "4748913" "4761811" "4773867" "4792955" "4860343" "4918690" "4928303" "4939728" "4941143" "4947484" "4955018" "4969146" "4969147" "4975831" "4979107" "4979183" "5018138" "5029180" "5034882" "5038320" "5043531" "5086385" "5145387" "5149277" "5152698" "5157273" "5160276" "5164609" "5268666" "5272277" "5277006" "5303320" "5326934" "5340326" "5341615" "5365658" "5366388" "5394748" "5451714" "5530435" "5640069" "5658166").PN. OR ("5907285").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2008/11/17 12:01 |

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S7 | 375 | mask\$4 same proces\$4 same hub\$4 | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 12:06 |
| S8 | 106 | S7 and @ay<= "2001" | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 12:07 |
| S9 | 30 | S7 and network\$3 and @ay<= "2001" | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 12:08 |
| S10 | 4 | mask\$4 same proces\$4 same hub\$4 same sound same \$4speaker \$1 | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 12:17 |
| S11 | 223 | mask\$4 same proces\$4 same sound same \$4speaker\$1 | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 12:18 |
| S12 | 23 | S11 and network\$3 and @ay<= "2001" | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 12:18 |
| S13 | 53 | (("2,081,625") or ("3,980,827") or ("4,010,324") or ("4,052,720") or ("4,319,088") or ("4,685,133") or ("4,686,693") or ("4,741,020") or ("4,829,500") or ("4,899,388") or ("5,058,173") or ("5,313,524") or ("5,327,505") or ("5,361,381") or ("5,732,326") or ("5,781,640") or ("5,818,948") or ("5,828,964") or ("5,852,506") or ("5,864,626") or ("5,937,356") or ("6,035,050")).PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2008/11/17 12:24 |
| S14 | 2 | ("5450494").PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2008/11/17 12:27 |
| S15 | 205 | 381/104-109.ccts. and (masking mask masked) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/11/17 12:43 |
| S16 | 317 | 381/97-109.ccts. and (masking mask masked) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/11/17 12:44 |

| | | | | | | |
|-----|----------|--|---|----|-----|------------------|
| S17 | 0 | S16 and (((@ad @rlad) = "20010226") | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/11/17 12:44 |
| S18 | 0 | S15 and (((@ad @rlad) = "20010226") | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/11/17 12:44 |
| S19 | 152 | S15 and @ay<="2001" | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/11/17 12:45 |
| S20 | 433726 | (frequenc\$4) same (gain \$4 or volume or amplitud \$4) | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 14:54 |
| S21 | 231 | mask\$4 same proces\$4 same sound same \$4speaker\$1 | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/11/17 14:55 |
| S22 | 12224484 | S20 and S21 @ay<="2001" | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 14:55 |
| S23 | 25 | S20 and S21 and @ay<="2001" | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 14:55 |
| S24 | 250 | mask\$4 same (proces\$4 or CPU or DSP) same sound same \$4speaker \$1 | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/11/17 15:11 |
| S25 | 279 | mask\$4 same (proces\$4 or CPU or DSP or computer\$1) same sound same \$4speaker \$1 | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/11/17 15:11 |
| S26 | 12224492 | S20 and S25 @ay<="2001" | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 15:11 |
| S27 | 32 | S20 and S25 and @ay<="2001" | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | ON | 2008/11/17 15:12 |
| S28 | 3 | ("5406634" "5487067" "5798818").PN. OR ("6990382").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2008/11/17 15:14 |
| S29 | 1 | ((YOAV) near2 (SHDEMA)).INV. | US-PGPUB; USPAT; USOOR | OR | ON | 2008/11/17 17:20 |
| S30 | 1 | ((YOSSEF) near2 (OREN)).INV. | US-PGPUB; USPAT; USOOR | OR | ON | 2008/11/17 17:21 |
| S31 | 2 | ("7379552").PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2008/11/18 11:29 |

| | | | | | | |
|-----|---|--|---------------------------|----|----|---------------------|
| S32 | 6 | ("5313524" "5386478" "6118880" "6954538" "7076204" "7095455").PN. OR ("7379552").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/18 11:30 |
|-----|---|--|---------------------------|----|----|---------------------|

11/19/2008 12:21:45 PM

C:\Documents and Settings\liao1\My Documents\EAST\Workspaces\10646734.wsp